

## CAPABILITY OVERVIEW 3.0 GCCS

### 3.1 The GCCS COE

The GCCS COE is the hardware and software infrastructure provided to support Mission and Functional Area applications. This infrastructure consists of Approved Platforms, Platform Services, and Support Applications as shown in Figure 3-1.

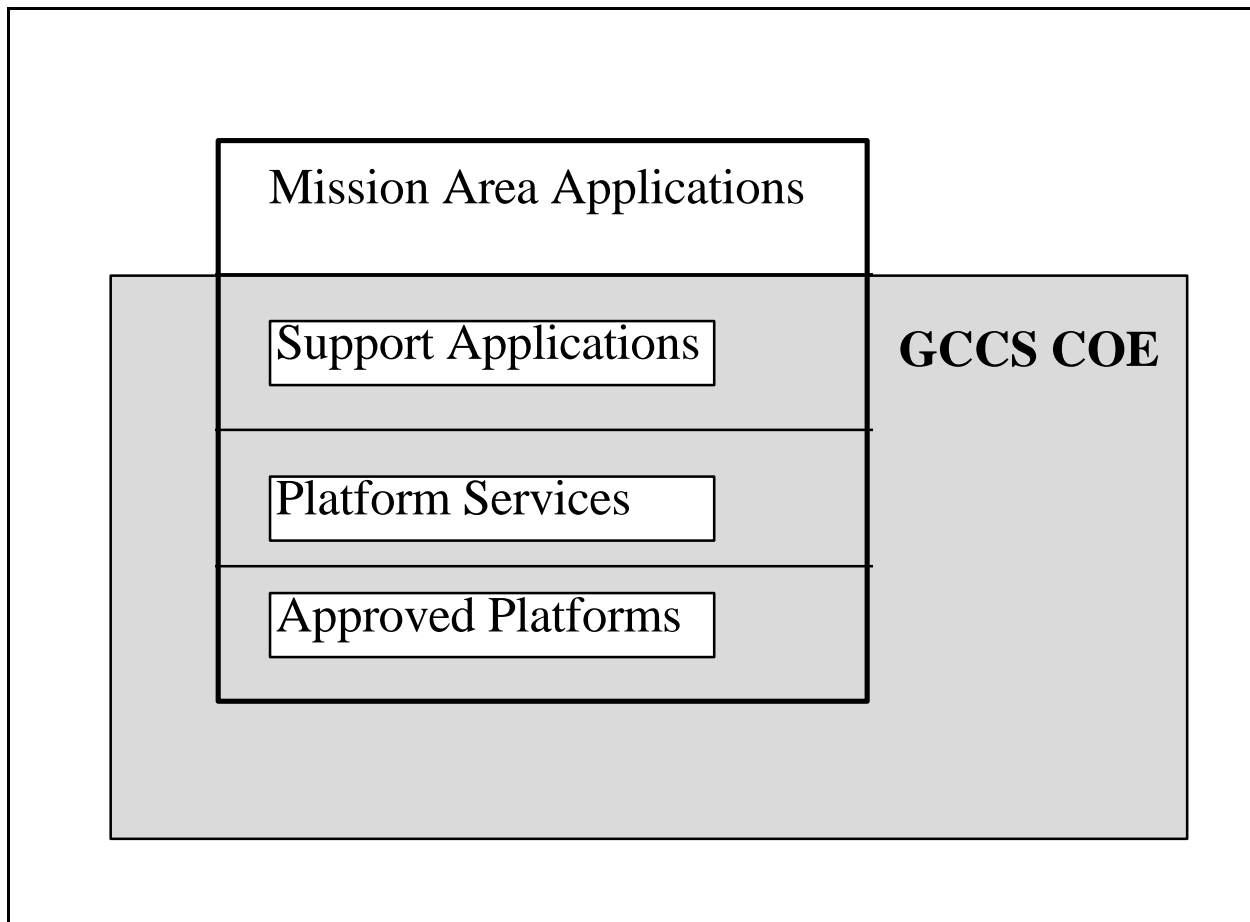


Figure 3-1. GCCS COE Infrastructure

The COE consists of a common hardware and software backplane for a set of diverse GCCS applications. GCCS applications are developed by Government Agencies and the Services to serve a broad spectrum of mission applications. Site usage should be determined by operational site considerations.

The Platform Services are a set of generic computing tools and utilities used to manage GCCS hardware e.g., operating system, programming environment (compilers, loaders, debuggers, etc). Support Applications are those widely shared applications (non-mission specific) that have been standardized for the GCCS user community. They include such things as e-mail, word processing, conferencing, and spreadsheets as shown in Figure 3-2.

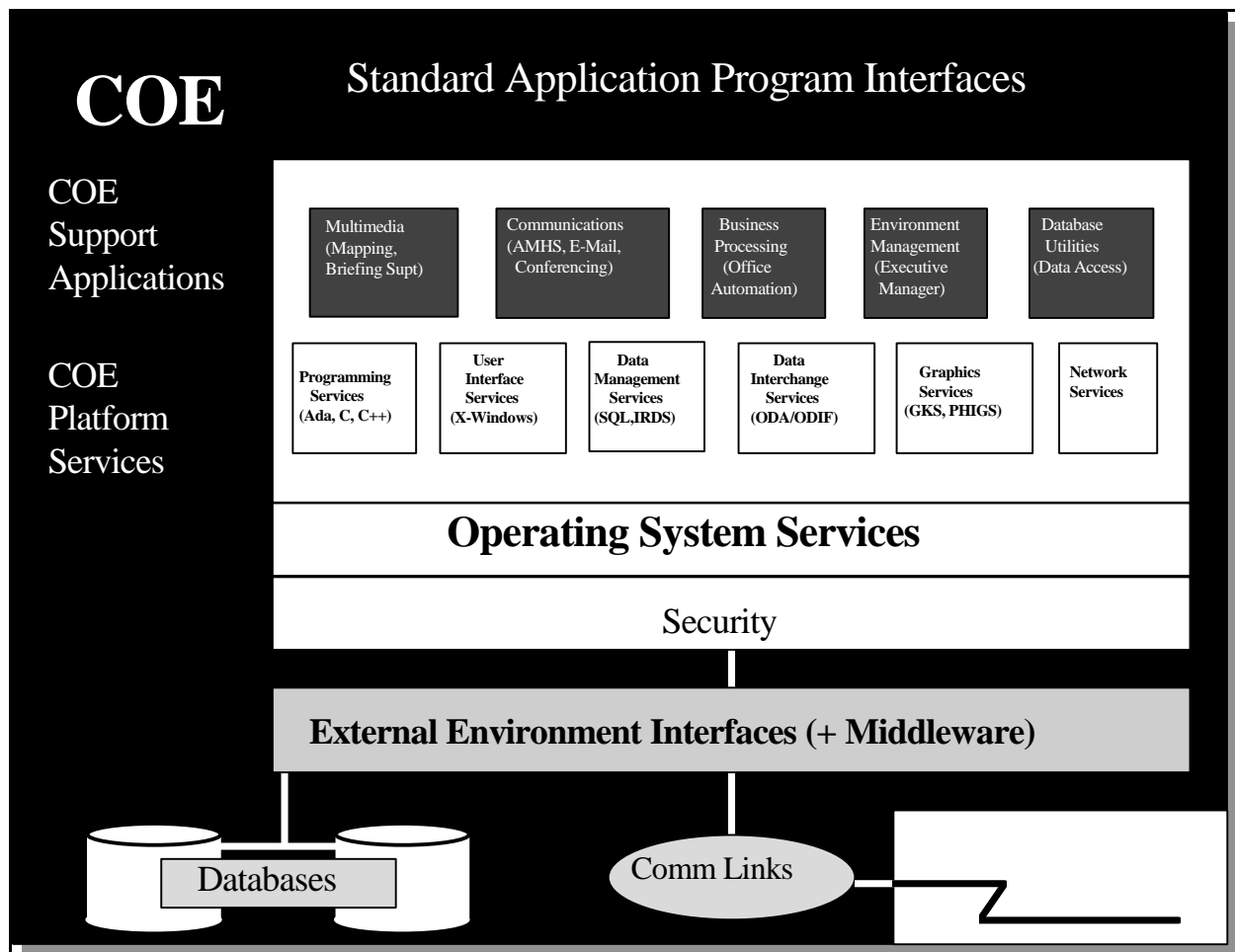


Figure 3-2. The GCCS COE

The COE for GCCS Version 2.1 uses the Executive Manager (EM) as the common desktop. This icon-based user interface provides a set of launch icons for GCCS applications. It also provides required security features.

Many of the GCCS Version 2.1 applications connect to information stored in a database. The principal commercial database manager for GCCS uses is the COTS product, Oracle.

**3.1.1 Accessing GCCS Capabilities.** GCCS users will access the system through one of the several types of client workstations used in Version 2.1. Before using the system, GCCS users must have been given the proper passwords, logins, security features, and permissions to access the system. Requirements may vary depending on the application the user is accessing. Site administrators establish the appropriate accounts (e.g., Oracle and UNIX accounts) and maintain the systems of permissions and passwords needed to control and secure GCCS (duties of GCCS site personnel are outlined in Section 6.2). After the appropriate administrative steps are in place, the user can activate the workstation. The Login screen with the globe in the background, shown in Figure 3-3 is displayed, allowing the user to access GCCS via the workstation.



Figure 3-3. GCCS Login Screen

The next screen displayed is the GCCS Main Window shown in Figure 3-4. Users should be aware that the appearance of the introductory screens can vary. Different sets of icons and different menu items may be presented. For example, the Site System Administrator and Site Security Administrator will use different screens for their tasks than the general GCCS users and will have access to tools restricted for their use only. Positional windows, i.e., the “JOPES USER” screen will determine what a user sees and can invoke depending on accesses granted by the administrator when initially setting up accounts. Finally, the user can tailor the appearance of the GCCS Main Window launch window area by including only certain applications desired from the superset of those to which he/she has access. Section 5, GCCS User Interface, provides additional details.

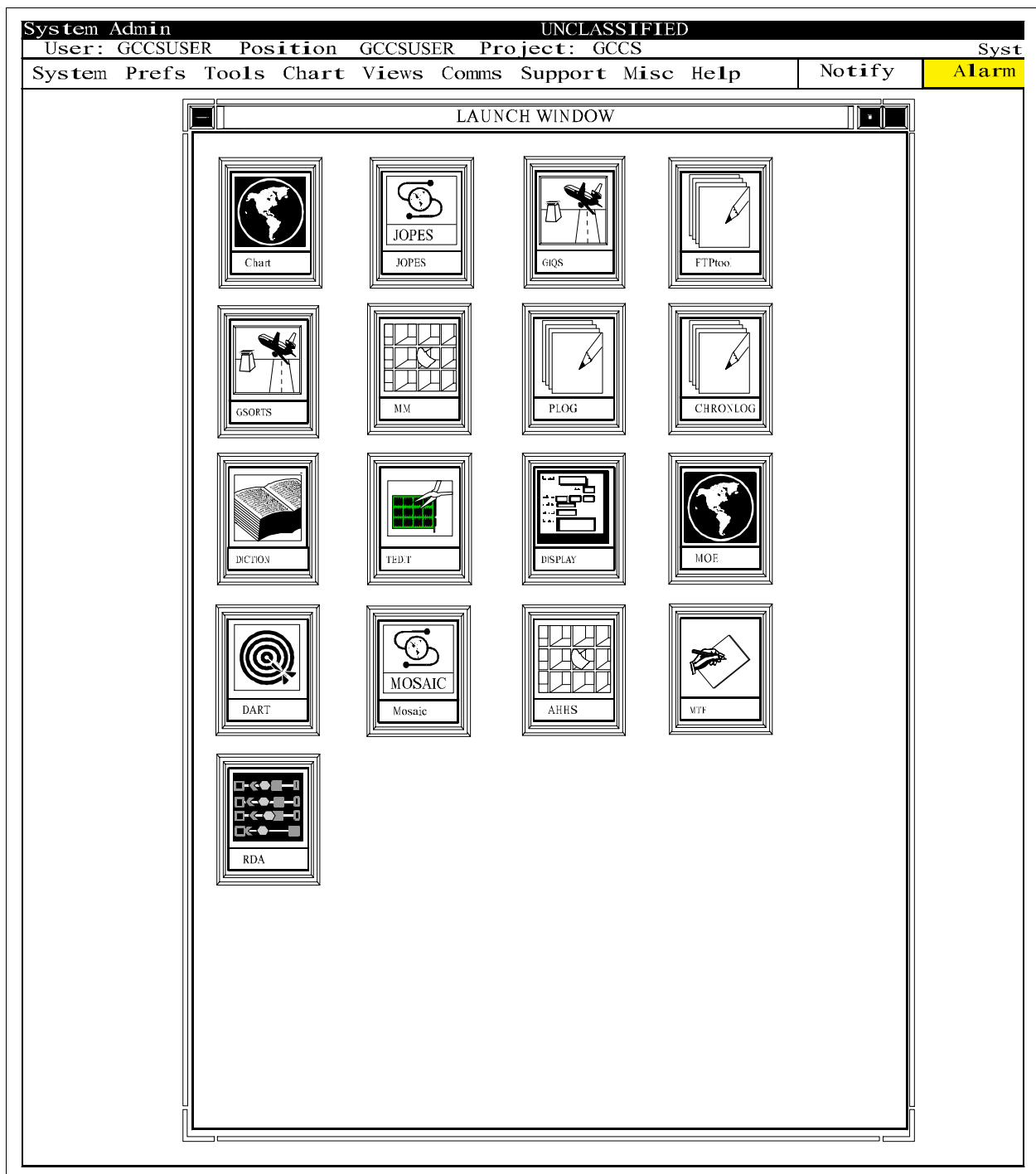


Figure 3-4. Sample GCCS Main Window

**3.1.2 GCCS Version 2.1 JOPES Core Functionality.** The emphasis of GCCS Version 2.1 is to implement the GCCS JOPES Core functionality required for the shutdown of WWMCCS. Applications that satisfy the JOPES Core functionality are described in Section 3.2. Other JOPES-related functionality is also described in the GCCS Support Applications Subsection. The Common Tactical Picture Application is

provided by JMCIS. Other multi-use applications are described as Other Mission Applications. In addition to general-use mission applications, there are several Site-Unique Applications which are installed at a limited number of sites. Additional information on the JOPES applications described below can be found in the *JOPES User's Guide Update*, the supplemental document *JOPES Positional "How-To" Guide*, the *System User's Manual (SUM)*, and other applicable documents listed in Section 2.0. Sample screens of the JOPES applications can be found in the two *JOPES User's Guides*. This Operations Handbook provides first level information on using the applications but is not intended to provide detailed instructions.